



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
EDISON, NEW JERSEY 08837

COMPLETED
FILE COPY

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

Site Name: Brooklyn Union Gas Company--Citizens Gate Station

Address: 6th Street and 2nd Avenue, Brooklyn, NY 11215

County: Kings

EPA I.D. No.: NYD980532212

Summary:

This site is a gate station that houses pressure-regulating equipment to control the flow of natural gas throughout Brooklyn Union's distribution system. A liquid condensate made up of hydrocarbons and water is entrained with the gas flowing through the pipelines. At Citizens Gate Station, this condensate is removed by a gas scrubber and collected in a 1500-gallon underground tank. (Scrubbers and tanks are also located at ten other gate stations in the system.)

Since January 1981, the liquid condensate in Brooklyn Union Gas Company's pipelines has been known to be contaminated with PCBs. Since this discovery, all batches of condensate have been tested for PCBs prior to removal from the underground tanks. If the PCB concentration is more than 50 ppm, the batch is considered hazardous, transferred to drums, and shipped out to an EPA-approved facility for incineration. If the test indicates a PCB concentration of 50 ppm or less, the condensate is burned as a high-quality fuel at Brooklyn Union's Greenpoint Energy Facility.

Priority for Inspection: High ____
Medium ____
Low X (See attachment to Part 1 of PA form.)
None ____

Recommendations:

Keep informed of NYSDEC's planned inspections of all B.U.G. sites and obtain a copy of each inspection report as completed (request already made in 7/23/86 letter to Sudhir Jagirdar of NYSDEC).

Prepared by: Amy J. Brochu, Environmental Engineer
U.S. EPA, Environmental Services Division

Date: August 27, 1986

298565





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NYD 980532212

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Brooklyn Union Gas--Citizens Gate Station		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 6th Street and 2nd Avenue			
03 CITY Brooklyn	04 STATE NY	05 ZIP CODE 11215	06 COUNTY Kings	07 COUNTY CODE 047	08 CONG DIST 6-19
09 COORDINATES LATITUDE 40 40 30 N		LONGITUDE 073 59 30 W			
10 DIRECTIONS TO SITE (Starting from nearest public road)					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Brooklyn Union Gas Company		02 STREET (Business, mailing, residential) 195 Montague Street			
03 CITY Brooklyn	04 STATE NY	05 ZIP CODE 11201	06 TELEPHONE NUMBER (718) 403-3053	(Kate Hartnett, Engr. Dept.)	
07 OPERATOR (If known and different from owner) same as above		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input checked="" type="checkbox"/> F. OTHER: <u>Public Utility</u> <input type="checkbox"/> G. UNKNOWN (Specify)					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: / / MONTH DAY YEAR ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 (d)) DATE RECEIVED: 6 / 9 / 81 MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE / / MONTH DAY YEAR <input checked="" type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: (Specify) CONTRACTOR NAME(S):			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1981 present (PCBs known) BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Natural gas condensates in the pipeline distribution system have been known to be contaminated with PCBs since 1981. Condensates are removed from the gas flow via scrubbers and stored in underground tanks until tested for PCBs and disposed of accordingly.					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Potential soil/groundwater contamination via leaking tanks or pipelines, or spills during condensate removal. (Minimal concern since area groundwater is not a potable supply.) Reportedly, no evidence of PCBs in residential air of gas customers.					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW * (Inspect on time available basis) <input type="checkbox"/> D. NONE *SEE ATTACHMENT. (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Diana Messina		02 OF (Agency/Organization) EPA/ESD/SMB/Superfund Support Section		03 TELEPHONE NUMBER (201) 321-6776	
04 PERSON RESPONSIBLE FOR ASSESSMENT Amy J. Brochu		05 AGENCY EPA	06 ORGANIZATION ESD/SMB/Sprfnd.	07 TELEPHONE NUMBER (201) 906-6802	08 DATE 8 / 27 / 86 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NYD 980532212

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: _____
(Acres)

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



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PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NYD 980532212

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

B.U.G. personnel have invited EPA to tour the gate stations and witness the next removal of condensate from the underground holding tanks (date to be dictated by tank levels).

V. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analyses, reports)

"Notification of Hazardous Waste Site", filed 6/81 (with attachment by B.U.G.)
Correspondence and conversations with Kate Hartnett, Technical Analyst, B.U.G.